

CLAIMS

1. A lock for a vehicle door having a housing and function elements arranged inside this housing
 - a) for manual operation of the lock via operating means arranged on the inside and outside of the door,
 - b) for a central lock system which can be operated optionally either by motor drive or by manual operation, and
 - c) alternatively
 - c1) either for a motor-operated door opening aid or
 - c2) for a device with which the operating means on the inside of the door can be shifted to an inactive state in which these operating means do not allow opening of the lock,

characterized in that

for the alternative embodiments according to features c1) or c2), different force transmission means (2; 5) can be used interchangeably in the same unmodified housing (1) with drive motors that are arranged and configured the same, the only difference is that different force transmission means (2; 5) are used in the common housing and/or on the receiving and/or connecting elements provided on the same jointly usable function elements.

2. The lock according to Claim 1,

characterized in that

the force transmission means that are interchangeably usable for the door opening and/or closing aid include

a step-down gear wheel (2) that is supportable so it can rotate about an axis of rotation (4) provided in the housing (1) for the door opening and/or closing aid.

3. The lock according to Claim 1 or 2,

characterized in that

the force transmission means that are interchangeably usable include a first lever (5) for inactivating the actuating means on the inside of the door, whereby the pivot axis of the first lever on the housing end corresponding to the axis of rotation (4) of the step-down gear wheel (2) in the alternative embodiment, this first lever (5) having an engagement in an identical drive pinion of an identical drive motor (3), said engagement matching the gear teeth of the step-down gear wheel (2).

4. The lock according to any one of the preceding claims,

characterized in that

the manually operable lock operating means on the lock include a second lever (6), which is in operative connection with the first lever (5), motor-operated inactivation of the operating means on the inside of the door being cancelable by manual operation of said second lever.